

Converting Colors

Hex(007C5A)

Have a look what the booklet for
Hex(007C5A) contains.

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Color

Hex(007C5A)

Conversions

Conversions Part 1

Format	Color
Hex	007C5A
RGB	0, 124, 90
RGB Percent	0%, 49%, 35%
CMY	1.0000, 0.5137, 0.6471
CMYK	1.00, 0.00, 0.27, 0.51
HSL	164°, 100%, 24%
HSV	164°, 100%, 49%
XYZ	9.0531, 15.1535, 12.1206
YIQ	83.0480, -62.9900, -36.8620

Conversions

Conversions Part 2

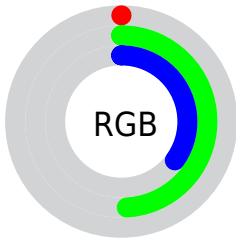
Format	Color
RYB	0, 72, 124
Decimal	31834
CIELab	45.84, -38.22, 10.42
CIELCh	46, 39.618, 164.755
Yxy	15.1535, 0.2492, 0.4171
Android (android.graphics.Color)	4278221914 (0xFF007C5A)
YUV	83.0480, 3.4273, -72.8331
Hunter-Lab	38.9275, -26.6105, 8.7884

Details

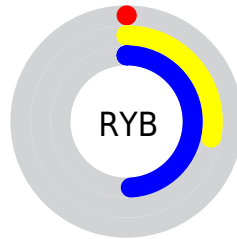
The Hex color **007C5A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7C0022**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **4EB18C**, and **004A2C** is the 20% darker color. If you saturate the color by 10%, you get **007C5A**, and if you desaturate by 10%, it is **0C7C5D**.

Distribution



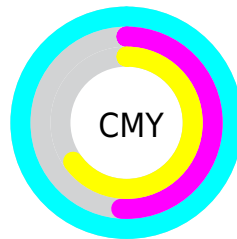
- Red (0%)
- Green (49%)
- Blue (35%)



- Red (0%)
- Yellow (28%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007C5A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 007C5A by changing the saturation by 10% instead.

 007C5A

 007C5A

FFFFFF

 006243

 4EB18C

 004A2C

 6ACDA6

 003218

 86EAC2

 001D00

 A3FFDE

 000000

 BFFFFA

 DDFFFF

 FAFFFF

 007C5A

 0C7C5D

 197C61

 257C64

 327C68

 3E7C6B

 4A7C6E

 577C72

 637C75

 707C79

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4A783B



007C5A



007D7C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



007C5A



516AAD



A3583F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



007C5A



7C0022

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



AA505D



007C5A



845D9C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



007C5A



0075AC



A1527F



8E652B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



007C5A



007C91



A1527F



A75549

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



007C5A



70A193



237C00



34524A



D1D1D1



525252

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



007C5A



00A175



00617C



373D3C



007D5B



00FCB7

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7C0022



A1002C



7C1B00



3D3739



7D0022



FC0045

Previews

White Background



This preview shows how the Hex color 007C5A looks on a white background.

Color Contrast Check

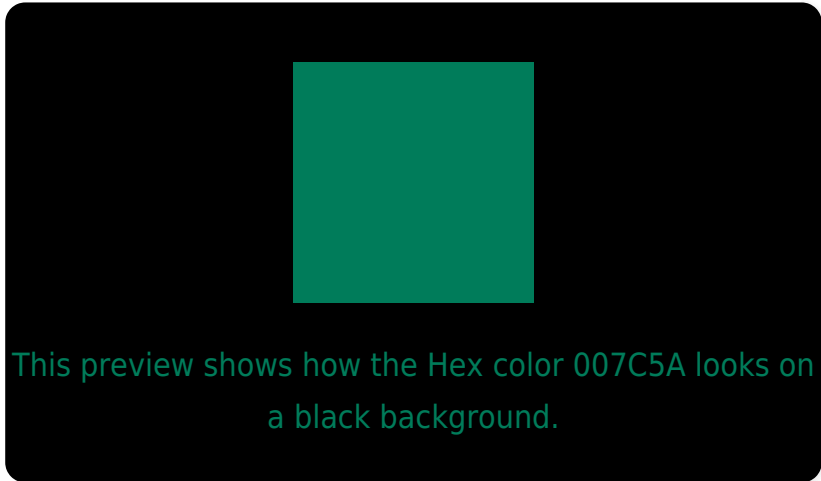
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 007C5A Background



This preview shows how black text looks on a background with the Hex color 007C5A.

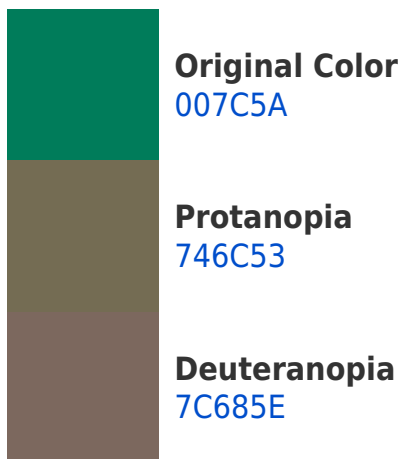



This preview shows how white text looks on a background with the Hex color 007C5A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
297781

Trichromacy



Original Color
007C5A



Protanomaly
4A7256



Deuteranomaly
4F6F5D



Tritanomaly
1A7973

Monochromacy



Original Color
007C5A



Achromatopsia
535353



Achromatomaly
356256

CSS Examples

Text

The CSS property to change the color of the text to Hex 007C5A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #007C5A looks like.

```
.text, #text, p{  
    color:#007C5A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #007C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C5A
}
```

Border

The CSS property to change the border of an element to Hex 007C5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#007C5A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#007C5A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #007C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C5A; -webkit-box-shadow:4px 4px  
4px 4px #007C5A; box-shadow:4px 4px 4px  
4px #007C5A }
```

Background

The CSS property to change the background color of an element to Hex 007C5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C5A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#007C5A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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